

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/006238

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C22B19/04 C22B19/34 C22B5/10 C22B5/12 C22B5/16
C22B13/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C22B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HEARD R ET AL.: "Recycling of Zinc-Bearing Residues with the PRIMUS Process" IRON STEELMAKER I AND SM, vol. 30, no. 4, April 2003 (2003-04), pages 55-60, XP009020220 the whole document	1-12
A	ESNA-ASHARI M ET AL: "SMELTING REACTOR FOR RECOVERING ZINC FROM INDUSTRIAL LOW ZINC BEARING RESIDUES" ERZMETALL, RIEDERER VERLAG GMBH. STUTTGART, DE, vol. 53, no. 6, 2000, pages 373-384, XP000959985 ISSN: 0044-2658 * Figure 1; pages 374-375 *	1-12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

23/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98/36102 A (BUCKETT GRAHAM ALAN ;BUKA TECH PTY LTD (AU); FOUNTAIN CHRISTOPHER) 20 August 1998 (1998-08-20) * page 20, lines 13-29 *	6
A	----- DATABASE COMPENDEX 'Online! ENGINEERING INFORMATION, INC., NEW YORK, NY, US; DE SCHEPPER A: "Liquid-liquid extraction of germanium by LIX-63" XP002260042 Database accession no. EIX78110005759 abstract & CHLORIDE HYDROMETALL, INT SYMP, PROC, 26 September 1977 (1977-09-26), - 28 September 1977 (1977-09-28) pages 357-384, Brussels, Belgium	7
A	----- GB 2 094 772 A (SAMIM SOC. AZIONARIA MINERO MET) 22 September 1982 (1982-09-22) * page 1; lines 78-97 *	1-12
A	----- US 6 379 421 B1 (GUERRA-REYES MARIA TERESA ET AL) 30 April 2002 (2002-04-30) * Figure 1; column 3, lines 34-56 *	1-12
A	----- US 4 415 540 A (WILKOMIRSKY IGOR A E ET AL) 15 November 1983 (1983-11-15) cited in the application the whole document	1-12

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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